



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

13/Nov/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/Nov/2010 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	107.565	1405.374	1) Madhya Pradesh	57.982	742.122
2) Hydro	3.443	55.605	2) Gujrat	21.586	213.967
3) Gas	15.134	196.859	3) Goa	-6.123	-76.892
Total MSGENCO	126.142	1657.838	4) TAPS 1&2 (Inj.)	3.895	51.177
B) OTHERS			5) Pench (Excess)	-0.329	-5.083
1) RGPPL Gas	36.163	465.490	# Total Cent. Sector	77.011	925.291
2) Wind Generation	0.970	74.640	F) Other Exchanges		
3) CPP / IPP	9.309	104.253	1) With TPCL (Excess)	-10.804	-134.995
4) PENCH (MS)	0.329	5.083	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	5.629	74.860
1) TPCL Thermal	24.643	340.288	Include PX	0.000	0.000
2) TPCL Hydro	3.209	41.088	2) MUMBAI Bilateral	12.041	148.464
TOTAL TPCL	27.852	381.376	Include PX	4.652	59.496
3) REL Thermal	12.604	150.186	3) MUMBAI Schedule	12.041	148.464
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	144.812	1895.848	1) MSEDCL	239.120	3097.600
2) Hydro (A2+B3+C2)	6.981	101.776	2) TPCL	33.992	443.671
3) Gas (A3+B1)	51.297	662.349	3) REL	17.265	222.869
4) Wind (B2)	0.970	74.640	TOTAL STATE	290.377	3764.140
5) CPP (B3)	9.309	104.253			
TOTAL STATE	213.369	2838.866			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4482	4506	4370
MSGENCO Hydro	212	525	66
MSGENCO Gas	631	643	566
MSGENCO Total Generation	5325	5674	5002
Central Sector Receipt	3436	3618	2741
RGPPL	1532	1537	1442
WIND	15	12	66
CPP / IPP	399	393	358
Exchange with TPCL	-530	-616	-264
MSEDCL DEMAND MET	10177	10628	9352
Load Shedding	2152	3360	0
MSEDCL DEMAND (INCL. LS)	12329	13988	9352
TPCL GENERATION	1516	1361	879
REL GENERATION	525	523	526
TPCL+REL DEMAND	2571	2500	1669
STATE DEMAND MET	12748	13128	11021
STATE DEMAND (INCL. LS)	14900	16488	11021
Frequency (Hz)	49.90	49.90	50.01
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3423 MW AT 20.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			50.54 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.33 Hz at 10.02 Hrs	49.54 Hz at 20.10 Hrs	49.93	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 13/Nov/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.59	19.81	76	60	70
Unit 2	1.62	20.06	74	57	70
Unit 3	1.52	14.82	70	52	70
Unit 4	1.09	1.90	67	1	50
Unit 5	3.74	43.59	166	135	150
Unit 6	3.62	44.62	176	135	145
Unit 7	3.66	19.29	165	135	145
	16.84	164.10			700
Bhusawal					
Unit 1	0.29	6.11	35	0	0
Unit 2	0.00	24.66	0	0	0
Unit 3	4.00	50.86	185	135	150
	4.30	81.62			150
Parli					
Unit 1	0.56	5.80	24	22	20
Unit 2	0.53	6.52	24	20	20
Unit 3	0.00	41.60	0	0	0
Unit 4	4.03	48.59	178	160	160
Unit 5	2.80	40.22	129	97	120
Unit 6	4.70	49.62	245	163	150
Unit 7	4.28	51.88	238	133	180
	16.90	244.23			650
Chandrapur					
Unit 1	3.31	45.91	160	125	140
Unit 2	3.06	43.87	148	102	150
Unit 3	3.66	34.64	195	138	140
Unit 4	4.31	49.59	190	165	190
Unit 5	5.62	105.91	310	180	250
Unit 6	5.66	93.26	305	190	300
Unit 7	6.43	108.65	280	237	250
	32.06	481.83			1420
Paras					
Unit 2	0.86	7.30	38	34	40
Unit 3	4.74	28.88	217	179	200
Unit 4	5.84	60.33	255	218	250
	11.45	96.50			490
Khaparkheda					
Unit 1	4.39	59.11	210	140	200
Unit 2	0.00	17.39	0	0	0
Unit 3	4.50	55.22	201	168	195
Unit 4	4.10	52.56	177	151	170
	12.99	184.27			565
Nasik					
Unit 1	2.00	25.65	94	69	81
Unit 2	2.14	15.30	100	75	81
Unit 3	4.67	57.91	210	170	182
Unit 4	0.00	0.00	0	0	0
Unit 5	4.22	53.97	196	147	172
	13.02	152.82			516
Koyna					
Stage 1-2	1.24	20.75	115	35	600
Stage 4	0.25	2.41	225	0	250
Stage 3	0.50	5.91	172	0	320
	1.99	29.08			1170
Koyna 12&4 Total	1.48	23.16			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.13	196.86	656	519	630
		15.13	196.86			630
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.28	5.51	60	0	60
BHTGR/VEER		0.05	0.40	2	2	1
BHIRA T.R.		0.24	2.49	82	0	80
RNGR+BHTSA		0.37	4.55	16	15	10
BHANDARDRA		0.00	0.03	0	0	0
ELDARY		0.00	0.54	0	0	0
SMLHY PTN		0.15	2.59	13	3	1
GHATGHAR		0.37	10.43	214	0	0
		1.46	26.53			152
PENCH (MS)						
Pench (MS)		0.33	5.08	50	0	
		0.33	5.08			
Wind						
MalharPeth		0.06	2.81			
Vankuswadi		0.15	8.35			
ATIT		0.01	1.31			
Kale		0.02	3.06			
Satara		0.05	9.41			
Shirala		0.02	3.16			
K Mahankal		0.02	4.07			
Supa		0.13	1.64			
Vita		0.12	13.75			
Dondaicha		0.15	12.51			
Sakri		0.05	2.36			
Nandurbar		0.01	1.29			
Khandke		0.15	6.79			
Khaparale		0.02	4.12			
		0.97	74.64			
CPP						
TOTAL CPP		9.31	104.25			
		9.31	104.25			
Dabhol						
RGPPL		36.16	465.49	1549	1434	1560
		36.16	465.49			1560
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.16	143.31	490	365	500
Trombay 6		3.82	69.51	175	150	500
Trombay 7A		2.91	37.40	124	118	120
Trombay 7B		1.61	20.89	68	66	60
Trombay 8		5.14	69.18	250	150	250
TATA Hydro		3.21	41.09	437	0	447
		27.85	381.38			1877
REL						
1&2		12.60	150.19	529	522	500
		12.60	150.19			500
Cent Sect						
Share						3445
						3445
MS PG CL	Thermal	107.56	1405.37			4491
	Thml+Gas	122.70	1602.23			5121
	Hydro	3.44	55.60			1322
	Total	126.14	1657.84			6443
State Total		213.37	2838.87			13825

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Nov/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	4530	56	519	5105	1509	93	406	2856	2511	-489	-427	9217	400	9617	1932	11549	49.97
2	4390	66	543	4999	1434	69	361	2762	2694	-397	-334	9243	0	9243	1787	11030	49.90
3	4370	66	566	5002	1442	66	358	2497	2741	-328	-264	9352	0	9352	1669	11021	50.01
4	4367	61	608	5036	1443	58	361	2440	2675	-271	-204	9369	898	10267	1598	11865	49.98
5	4390	61	650	5101	1442	53	359	2425	2812	-256	-194	9573	1088	10661	1579	12240	49.92
6	4451	136	651	5238	1442	45	363	2616	2815	-256	-210	9703	1317	11020	1631	12651	50.01
7	4549	101	654	5304	1439	60	363	2797	2723	-256	-188	9751	1842	11593	1655	13248	49.94
8	4614	61	656	5331	1445	53	371	2845	2918	-302	-239	9899	1953	11852	1725	13577	49.96
9	4624	97	653	5374	1542	49	399	2889	3324	-347	-285	10403	1960	12363	1917	14280	49.89
10	4562	150	650	5362	1537	29	396	3132	3087	-454	-393	10018	2340	12358	2247	14605	49.83
11	4499	156	639	5294	1535	18	396	3363	3377	-564	-505	10115	2242	12357	2478	14835	49.94
12	4482	212	631	5325	1532	15	399	3420	3436	-588	-530	10177	2152	12329	2571	14900	49.90
13	4417	76	638	5131	1528	42	399	3526	3993	-683	-628	10465	2233	12698	2524	15222	49.85
14	4566	75	638	5279	1531	72	395	3478	3697	-635	-589	10385	2311	12696	2451	15147	49.97
15	4520	75	643	5238	1528	26	393	3460	3610	-659	-602	10193	2384	12577	2461	15038	49.92
16	4523	70	637	5230	1527	22	393	3338	3496	-655	-618	10060	2387	12447	2457	14904	49.89
17	4554	60	643	5257	1531	36	392	3319	3148	-631	-596	9795	2634	12429	2401	14830	49.96
18	4551	84	644	5279	1533	26	396	3348	3362	-583	-560	10059	2674	12733	2361	15094	49.94
19	4459	748	640	5847	1536	20	393	3352	3228	-607	-568	10486	3254	13740	2522	16262	49.92
20	4506	525	643	5674	1537	12	393	3555	3618	-678	-616	10628	3360	13988	2500	16488	49.90
21	4524	262	646	5432	1538	18	403	3531	3724	-655	-621	10521	2950	13471	2388	15859	49.83
22	4465	90	648	5203	1543	19	404	3508	3657	-631	-593	10258	2733	12991	2256	15247	50.00
23	4373	85	648	5106	1540	15	406	3255	3456	-607	-563	9985	2373	12358	2121	14479	49.90
24	4279	70	646	4995	1549	54	410	2936	2909	-508	-477	9465	2207	11672	2029	13701	49.99
MUs	107.56	3.44	15.13	126.14	36.16	0.97	9.31	74.65	77.01	-12.04	-10.80	239.12	47.69	286.81	51.26	338.07	49.93

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)

Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 13/Nov/2010

Position as on 6.30 Hrs of 14/Nov/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Koyna ST-IV 2	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Nasik Unit 4	210	15/09/2010	10.55		Continued.	Annual Overhaul.	16/11/2010
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel Refuelling.	14/11/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	30/11/2010
Khaparkheda Unit 2	210	04/11/2010	22.23	14/11/2010	12.52	Boiler Tube Leakage.	
Bhusawal Unit 2	210	09/11/2010	05.05	14/11/2010	06.34	Boiler Tube Leakage.	
Bhusawal Unit 1	58	09/11/2010	06.35	13/11/2010	12.30	Boiler Tube Leakage.	
Cent_Sect NTPC(V-6)	210	11/11/2010	17.22	13/11/2010	12.06	Boiler Tube Leakage.	
Uran Unit 8	108	12/11/2010	01.42	13/11/2010	00.11	Tripped.	
Parli Unit 3	210	12/11/2010	22.13		Continued.	ESP Internal Inspection Work.	15/11/2010
Koradi Unit 4	115	13/11/2010	23.02		Continued.	Boiler Tube Leakage.	16/11/2010
Bhusawal Unit 1	58	14/11/2010	10.55		Continued.	Feed Line Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Nov/2010

Position as on 6.30 Hrs of 14/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Borivali	10/11/2010	08.35	14/11/2010	18.00	Bus section-II outage at Tarapur(Up to 15.11.2010.)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	08/10/2010	17.55	13/11/2010	10.57	Normal Changeover.
Akola - Aurangabad - I	22/10/2010	14.43		Continued.	Changeover.
Kolhapur - Mapusa - I	11/11/2010	22.30		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	11/11/2010	23.19	14/11/2010	08.24	Over Voltage.
Akola - Wardha - I	11/11/2010	23.47		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	13/11/2010	00.21	13/11/2010	17.38	Over Voltage.
Dhule-Sar'Sarovar - I	13/11/2010	23.05		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Tillary-Amona	14/11/2010	17.32	14/11/2010	22.53	Hand Tripped.
Voltage Level : 220KV			Outage Type TRIPPED		
Mudsungi-Amona	14/11/2010	14.27		Continued.	Dist.Prot.R Ph - E142.5KM FROM Mudsungi.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	15/10/2010	12.25		Continued.	Attending Red Hot on R-Ph HV side Bushing.
Karad-Lamboti	10/11/2010	06.38	13/11/2010	09.03	LILO work of 400KV Karad-Lamboti at 400KV south Solapur(PG),Ready for Charging from 22.05 Hrs on 12.11.10.
400/220 KV,105 MVA Spare ICT @ Dhule	13/11/2010	12.20	13/11/2010	17.03	Attending Oil Leakage & Buchloz Relay Testing.
Parli - Chandrapur - III	14/11/2010	10.26		Continued.	Breaker Maintenance,Line on TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125MVA ICT-IV @ Kalwa	02/08/2010	10.10		Continued.	Repl.125 MVA ICT by 200 MVA New ICT.(Expected on 30.11.2010)
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
Tifil-Trombay	08/10/2010	10.18		Continued.	Erection & Stringing of M/C Towers (Loc.22-40) & Dismantling of Old Towers upto 6.11.2010.
220/132KV 100MVA ICT-II @ Chalisgaon	08/11/2010	11.10		Continued.	Commissioning of new 200MVA ICT by replacing 100MVA ICT.
220/132 KV 150 MVA ICT - I @ NSK.	10/11/2010	09.40		Continued.	Augmentation of existing 150 MVA ICT by new 200MVA ICT (Up to 09.12.2012)
Bus coupler @ Bableshtar	11/11/2010	08.15		Continued.	Replacement of Breaker.
Pedambe - Karad	13/11/2010	08.05	13/11/2010	17.09	Preventive Maint. of 220 KV Bay.
220/132 KV,100MVA ICT-II At Padegaon.	13/11/2010	09.18	13/11/2010	18.00	Replacement of L A.
Vita - Pandharpur	13/11/2010	10.41	13/11/2010	15.46	To Attend Oil Leakage.
220/132 KV 200 MVA ICT - II @ Kandalgaon	13/11/2010	10.45	13/11/2010	17.25	Q.M.Work.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Nov/2010

Position as on 6.30 Hrs of 14/Nov/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Talangade-Ichalkaranji I	13/11/2010	12.05	13/11/2010	13.27	To Attend Hot Spot R Ph Bus Isolator.
Abhijeet-Wardha Ckt.	13/11/2010	12.12	13/11/2010	15.45	Testing of PDR,Relay & Ckt Bkr @ Wardha.
SPCL - IPCL	13/11/2010	12.41		Continued.	C B Overhalling Work @ IPCL End.
Wadkhal-IPCL-II	14/11/2010	09.20		Continued.	Overhauling Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Lonikand- Koyna Stage IV	13/11/2010	00.15	13/11/2010	08.14	Over Voltage.
Lonikand- Koyna Stage IV	14/11/2010	01.06	14/11/2010	08.19	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Borivali-Tata Borivali 4	19/10/2010	16.41		Continued.	To control ICT Kalwa loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28		Continued.	Y-Ph Buchholz..
Karad - Kolhapur - I	06/11/2010	00.11		Continued.	Over Voltage
Karad-Lamboti	14/11/2010	15.50		Continued.	Dist.Prot. Z-I B Ph - Earth.
Karad-New Koyna II	14/11/2010	20.30		Continued.	Dist.Prot.B Ph,Ready for Charging from 02.06 on dt 15.11.10.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	01/06/2010	03.57		Continued.	Oil Tank Burst. NEW 200 MVA T/F Errection in progress.
Lote - Dasturi	12/11/2010	18.03	13/11/2010	04.38	R Ph Jumper of Wave Trap Broken @Dasturi
Nasik - Ghatghar	13/11/2010	15.00	13/11/2010	15.55	Distance Protection, R-E.
Airoli-Knowledge park-Nasik	13/11/2010	15.00	13/11/2010	15.40	Distance Protection.
Babaleshwar - Chalisgaon	14/11/2010	05.35	14/11/2010	05.58	Distance Protection.
Parly (Ext.) - Beed - II	14/11/2010	06.01	14/11/2010	06.08	Dist.Prot. R Ph,Zone-I.
Kandalgaon-Khargar	14/11/2010	17.43	14/11/2010	19.00	Dist.Prot. Z-2 R Ph to Earth.
Kandalgaon - ONGC	14/11/2010	19.00	14/11/2010	19.50	Tripped Due to R Ph P T Burst of ONGC-TSS Line.
ONGC-TSS	14/11/2010	19.00	14/11/2010	22.18	Tripped Due to R Ph P T Burst of ONGC- TSS Line.
Karad-Pedambe	14/11/2010	19.39		Continued.	Dist.Prot. R Ph -E Ckt Tripped Both end,Declared Faulty.
Voltage Level : 132KV			Outage Type TRIPPED		
Butibori MIDC-Khapri Cky.	08/11/2010	10.10		Continued.	Dist.Prot.Y Ph.and B Ph.B/D decleared.
Kallam - Bhoom - Kharda	12/11/2010	17.50	13/11/2010	16.00	Collapase of Tower @ Loc. No.81.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/Nov/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	60
Unit 3	105	60
Unit 4	105	0
Unit 5	200	140
Unit 6	210	135
Unit 7	210	140
	1040	600
Bhusawal		
Unit 1	58	25
Unit 2	210	0
Unit 3	210	180
	478	205
Parli		
Unit 1	30	19
Unit 2	30	19
Unit 3	210	0
Unit 4	210	170
Unit 5	210	140
Unit 6	250	155
Unit 7	250	180
	1190	683
Chandrapur		
Unit 1	210	140
Unit 2	210	130
Unit 3	210	170
Unit 4	210	190
Unit 5	500	250
Unit 6	500	225
Unit 7	500	180
	2340	1285
Paras		
Unit 2	55	40
Unit 3	250	200
Unit 4	250	225
	555	465
Khaparkheda		
Unit 1	210	210
Unit 2	210	0
Unit 3	210	195
Unit 4	210	170
	840	575
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	182
Unit 4	210	0
Unit 5	210	172
	870	516
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	2
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	169
PENCH (MS)		
Pench (MS)	53	
	53	
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1560
	960	1560
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3443
	3143	3443

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